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Attorney's Docket No. 33047/240187

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re: Kuoksa
Appl. No.: 10/003,574
Filed: October 24, 2001
For: METHOD AND APPARATUS FOR CONTROLLING
A CAUSTICIZING PROCESS

Confirmation No.: 5083
Group Art Unit: 1754
Examiner: Stuart L. Hendrickson

January 27, 2003

Commissioner for Patents
Washington, DC 20231

AMENDMENT

Sir:

In response to the Office Action mailed September 27, 2002, please amend the above-identified application as follows:

In The Claims:

1. (Amended) A method for controlling a causticizing process which comprises slaking, causticizing and the preparation of white liquor, the slaking being carried out using a slaker into which green liquor and lime are fed to produce lime milk, the method comprising controlling the causticizing process by determining the density of the green liquor fed into the slaker based on a model that relates the density of green liquor to total tritatable alkali in the green liquor and controlling the density of the green liquor on the basis of total titratable alkali.

3. (Amended) A method according to claim 2, wherein the slaker is controlled on the basis of the difference between the slaker temperature and the green liquor temperature by adjusting the set value for the temperature difference control on the basis of the difference between the target causticity of lime milk and the causticity titration or titrations, the set value for the causticity being determined on the basis of the model describing the development of the causticity prevailing after the slaker to white liquor causticity.

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